

WHAT IS CLAIMED IS:

1     1.       A connector, comprising:  
2               an inner housing, which holds a plurality of electric wires;  
3               an outer housing, which accommodates the inner housing along a  
4     first direction;  
5               a fixing member, which fixes the inner housing and the outer housing  
6     to each other; and  
7               a convex portion, which protrudes from one of an outer surface of the  
8     inner housing and an inner surface of the outer housing in the first direction,  
9               wherein when the fixing member fixes the inner housing and the outer  
10    housing to each other, the convex portion abuts against the other of the outer  
11    surface of the inner housing and the inner surface of the outer housing so that  
12    a repulsive force is generated between the inner housing and the outer  
13    housing.

1     2.       The connector as set forth in claim 1, further comprising an engaging  
2     member which includes:  
3               an engaging projection, which protrudes from one of the inner  
4     housing and the outer housing in a direction intersecting with the first direction,  
5     and which extends along the first direction; and  
6               an engaging guide groove, which is provided in the other of the inner  
7     housing and the outer housing, and which engages with and guides the  
8     engaging projection along the first direction.

1     3.         The connector as set forth in claim 2, wherein the engaging member  
2     is a plurality of the engaging members; and  
3                 wherein each of the engaging projections of the plurality of the  
4     engaging members protrudes in a direction intersecting with the first direction.

1     4.         The connector as set forth in claim 1, wherein the convex portion is a  
2     plurality of the convex portions;  
3                 wherein each of the convex portions is disposed in a vicinity of the  
4     fixing member.